

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) Process for controlling electromagnetic relays comprising at least one contact, controlled by a voltage or current supply, ~~characterised in that wherein~~ the control is modulated according to ~~the~~ at least one of a voltage or and a current supply and to the a contacting voltage, ~~which is the contacting voltage being~~ sufficient to close ~~the a~~ contact of ~~the a~~ relay, and is modulated according to at least one of the voltage or and the current supply and to the a maintaining voltage, ~~the maintaining voltage being which is~~ sufficient to maintain this closure.
2. (Currently Amended) Device for controlling electromagnetic relays from a voltage source ~~implementing the process of claim 1, characterised in that it has~~ the device comprising

a module for adapting the power supply of the relay; and

a control module to control the power supply-adapting module;

wherein the control is modulated according to at least one of a voltage and a current supply and to a contacting voltage that is sufficient to close the contact of the relay; and

wherein the control is modulated according to at least one of the voltage and the current supply and to a maintaining voltage which is sufficient to maintain this closure.
3. (Currently Amended) Device as claimed in claim 2, wherein the control module has means to control ~~the a~~ duration of operation of the power supply-adapting module during contacting of the contacts, ~~[[a]] the duration at the an~~ end of which it must control the maintaining of the contacts.
4. (Currently Amended) Device as claimed in claim 2 ~~one of claims 2 and 3~~, wherein the control module ~~has~~ comprises a module for detecting micro power cuts.
5. (Currently Amended) Device as claimed in claim 2 ~~one of claims 2 to 4~~, further comprising an oscillator connected to the power supply-adapting module, which comprises a calculation means and a means for pulse duration modulation of the supply voltage.

6. (Currently Amended) Device as claimed in claim 2 ~~one of claims 2 to 5~~, comprising a memory storing the

characteristics of the relay.

7. (Currently Amended) Specific integrated circuit (ASIC), comprising at least one pulse duration modulation means, the modulation means being controlled by a control-command unit programmed for modulating ~~the a~~ power supply of at least one electromagnetic relay ~~according to the process of claim 1~~, by modulating according to at least one of a voltage and current supply and to a contacting voltage, the contacting voltage being sufficient to close the contact of the relay, and modulating according to at least one of a voltage and current supply and to a maintaining voltage, the maintaining voltage being sufficient to maintain this closure.

8. (Currently Amended) Circuit as claimed in claim 7, ~~characterised in that it further comprises~~ comprising a circuit for detecting configured to detect micro power cuts.

9. (Currently Amended) Circuit as claimed in claim 8, wherein the micro power cut detector circuit, upon occurrence of a micro power cut, controls a contacting voltage on the relays with controlled maintaining voltage.